



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

1 21 1

In re application of

Docket No: Q70518

Toshio OKUHARA, et al.

Appln. No.: 10/516,454

Group Art Unit: 1621

Confirmation No.: 2858

Examiner: Sikarl A. Witherspoon

Filed: December 03, 2004

For:

PROCESS FOR PRODUCING AROMATIC COMPOUNDS BY FRIEDEL-CRAFTS

REACTION

<u>INFORMATION DISCLOSURE STATEMENT</u> <u>UNDER 37 C.F.R. §§ 1.97 and 1.98</u>

MAIL STOP AMENDMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith.

The present Information Disclosure Statement is being filed after the later of three months from the application's filing date and the mailing date of the first Office Action on the merits, but before a Final Office Action, Notice of Allowance, or an action that otherwise closes prosecution in the application (whichever is earlier), and therefore Applicant is filing

Attorney Docket Q70518

INFORMATION DISCLOSURE STATEMENT

U.S. Application No.: 10/516,454

concurrently herewith a Statement Under 37 C.F.R. § 1.97(e). No fee under 37 C.F.R. § 1.17(p)

is required.

The Izumi et al reference submitted herewith was cited in an Office Action in

corresponding Korean Patent Application No. 2004-7019440 dated February 23, 2006, a copy of

which is attached.

The submission of the listed documents is not intended as an admission that any such

document constitutes prior art against the claims of the present application. Applicant does not

waive any right to take any action that would be appropriate to antedate or otherwise remove any

listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue

Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any

overpayments to said Deposit Account.

Respectfully submitted,

Registration No. 51,283

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WASHINGTON OFFICE

23373 CUSTOMER NUMBER

Date: April 11, 2006

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STATEMENT UNDER 37 C.F.R. § 1.97(e)

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

The undersigned hereby states, upon information and belief:

That each item of information contained in the Information Disclosure Statement filed concurrently herewith was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of said Information Disclosure Statement.

Respectfully submitted,

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Date: April 11, 2006

Fang Liu

Registration No. 51,283

Complete if Known

2858

10/516,454

APR 1 1 2006 W

Substitute for Form 1449 A & B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

STATEMENT BY APPLICANT			Filing Date	December 03, 2004	
(use as many sheets as necessary)			First Named Inventor	Toshio OKUHARA	
			Art Unit	1621	
,	,	**	Examiner Name	Sikarl A. Witherspoon	
Sheet	1	of 1	Attorney Docket Number	Q70518	

Application Number

Confirmation Number

U.S. PATENT DOCUMENTS							
Examiner Initials*	Cita	Document 1	Number	Publication Date			
	Cite No. ¹	Number	Kind Code ² (if known)	MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		
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Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date	Name of Patentee or	
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document	Translation ⁶
							
			 				
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NON PATENT LITERATURE DOCUMENTS						
Examiner Cite Initials* No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.					
		IZUMI et al. "Acidic Alkali Metal Salts and Ammonium Salts of Keggin-type Heteropolyacids as Efficient Solid Acid Catalysts for Liquid-phase Friedel-Crafts Reactions." Chemistry Letters, 1992, pages 1987-1990.				

Examiner Signature		 Date Considered	 	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to indicate here if English language Translation is attached.